

IN THE CLAIMS:

Please cancel Claims 2, 6, 8, 12 and 16 without prejudice or disclaimer of the subject matter recited therein.

Please add new Claims 17-20 as follows.

Claims 1-16. (Cancelled).

17. (New) A method of rendering an image, said method comprising the steps of:

receiving a display list representation comprising overlapping graphic objects;

processing the display list representation on a per-scan line basis in order to convert said overlapping graphical objects to visually equivalent non-overlapping graphical objects, wherein

said non-overlapping graphical objects are bounded by non-intersecting edges, and

at least one of the non-intersecting edges is shared by more than one of said non-overlapping objects.

18. (New) A method according to claim 17, wherein at least one of the overlapping objects is opaque.

19. (New) An apparatus for rendering an image, said apparatus comprising:

receiving means for receiving a display list representation comprising overlapping graphic objects;

processing means for processing the display list representation on a per-scan line basis in order to convert said overlapping graphical objects to visually equivalent non-overlapping graphical objects, wherein

said non-overlapping graphical objects are bounded by non-intersecting edges, and

at least one of the non-intersecting edges is shared by more than one of said non-overlapping objects.

20. (New) A computer readable medium storing a computer program for directing a processor to execute a method for rendering an image, said program comprising:

code for receiving a display list representation comprising overlapping graphic objects;

code for processing the display list representation on a per-scan line basis in order to convert said overlapping graphical objects to visually equivalent non-overlapping graphical objects, wherein

said non-overlapping graphical objects are bounded by non-intersecting edges, and

at least one of the non-intersecting edges is shared by more than one of said non-overlapping objects.